

# **EXHIBIT 28**

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**Documentation**


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#### Configuration Modes Summary Table

## Cisco IOS Command Modes

This appendix contains summaries of the command and configuration modes used in the Cisco IOS Command-Line Interface (CLI). The availability of configuration modes will depend on the feature set found in your system image and on which router platform you are using. For specific information on any particular configuration mode, see the documentation references given in the mode summaries.

This appendix lists command modes in the following categories:

- [Base Command Modes](#)
- [Configuration Modes and Submodes](#)

These lists include short summaries of the modes.

Following the configuration mode and configuration submodes summary list, [Table 22](#) presents the configuration mode summaries organized by router prompt, and includes examples of entering each mode.

### Base Command Modes

Base command modes are used for navigating the CLI and performing basic router startup, configuration, and monitoring tasks. For more information on the base command modes, see the ["Using the Command-Line Interface \(CLI\)"](#) chapter of this document. For details about setup mode, see the "Using Configuration Tools" chapter.

#### User EXEC Mode

The default command mode for the CLI is user EXEC mode. The EXEC commands available at the user EXEC level are a subset of those available at the privileged EXEC level. In general, the user EXEC commands allow you to connect to remote devices, change terminal settings on a temporary basis, perform basic tests, and list system information. The prompt for user EXEC mode is the name of the device followed by an angle bracket: `Router>`.

## Privileged EXEC Mode

Privileged EXEC mode is password protected, and allows the use of all EXEC mode commands available on the system. To enter privileged EXEC mode from user EXEC mode, use the **enable** command. Privileged EXEC mode allows access to global configuration mode through the use of the **enable** command. The privileged EXEC mode prompt consists of the device's host name followed by the pound sign: `Router#`.

## Global Configuration Mode

Global configuration commands generally apply to features that affect the system as a whole, rather than just one protocol or interface. You can also enter any of the specific configuration modes listed in the following section from global configuration mode.

To enter global configuration mode, use the **configure terminal** privileged EXEC command. The router prompt for global configuration mode is indicated by the term *config* in parenthesis: `Router(config)#`.

## ROM Monitor Mode

If your router or access server does not find a valid system image to load, the system will enter read-only memory (ROM) monitor mode. ROM monitor (ROMMON) mode can also be accessed by interrupting the boot sequence during startup. From ROM monitor mode, you can boot the device or perform diagnostic tests.

To enter ROM monitor mode, use the Break key (Cntl-C) during the first 60 seconds of start-up. The router prompt is indicated by an angle bracket by itself or the term ROMMON followed by a number and an angle bracket: `>` or `rommon1>`.

## Setup Mode

Setup mode is not, strictly speaking, a command mode. Setup mode is rather an interactive facility that allows you to perform first-time configuration and other basic configuration procedures on all routers. The facility prompts you to enter basic information needed to start a router functioning. Setup mode uses the System Configuration Dialog, which guides you through the configuration process. It prompts you first for global parameters and then for interface parameters. The values shown in brackets next to each prompt are the default values. For more information on setup mode, see the ["Using Configuration Tools"](#) chapter of this book.

To enter setup mode after the router has been configured for the first time, use the **setup** command in privileged EXEC mode. The router prompt for setup mode is indicated by a configuration question, followed by the default answer in brackets and a colon (:), as shown in the following example:

```
Continue with configuration dialog? [yes]:
Enter host name [Router]:
```

## Configuration Modes and Submodes

Configuration modes are entered from global configuration mode. Configuration submodes are entered from other configuration modes. Configuration subsubmodes are configuration modes entered from configuration submodes.

The following configuration mode short summaries list the basic characteristics of each mode and where you can find details on the configuration tasks associated with each mode. Configuration modes and configuration submodes are listed here alphabetically.

### Access-List Configuration Mode

See the descriptions for ["Standard Named Access List \(NACL\) Configuration Mode"](#) and ["Extended Named Access List \(NACL\) Configuration Mode"](#).

### Address Family Configuration Submode

Prompt ID: (config-router-af)

## Voice-Port Configuration Mode

Prompt ID: (config-voiceport)

To enter voice-port configuration mode from global configuration mode, use the **voice-port** command. Use voice-port configuration mode to configure voice port settings for voice over ATM, voice over Frame Relay, and other related protocols.

For details, see the [voice-port](#) command description in the *Cisco IOS Multiservice Applications Command Reference*.

## VoIP Dial Peer Configuration Mode

See the ["Dial Peer Voice Configuration Mode"](#) section.

## VPDN Group Mode and Submodes

Prompt ID: (config-vpdn)

The VPDN group configuration mode is used to configure VPDN services on Cisco routers. To enter VPDN group configuration mode, first enable VPDN by using the **vpdn enable** command, and then use the **vpdn-group number** command. In VPDN group configuration mode, you can configure generic information for the entire VPDN group. You can also enter the VPDN subgroups, and configure specific information for the VPDN services. Each of the four VPDN services now have VPDN subgroups.

See the "Configuring Virtual Private Networks" chapter in the *Cisco IOS Dial Services Configuration Guide: Network Services* for information on the following VPDN group configuration submodes:

- VPDN Accept-dialin group configuration submode (config-vpdn-acc-in)
- VPDN Accept-dialout group configuration submode (config-vpdn-acc-ou)
- VPDN Request-dialin group configuration submode (config-vpdn-req-in)
- VPDN Request-dialout group configuration submode (config-vpdn-req-ou)

## X.25 Profile Configuration Mode

Prompt ID: (config-x25)

To enter X.25 configuration mode from global configuration mode, use the **x25 profile** command. X.25 profiles streamline X.25 and LAPB configuration. X.25 profiles can contain existing X.25 and LAPB commands and, once created and named, can be simultaneously associated with more than one DLCI connection, using just the profile name. X.25 Layers 2 and 3 are transparently supported over Annex G. LAPB treats the Frame Relay network like an X.25 network link and passes all of the data and control messages over the Frame Relay network.

For details, see the **x25 profile** command documentation in the *Cisco IOS Wide-Area Networking Configuration Guide* and the *Cisco IOS Wide-Area Networking Command Reference* for more information.

## Configuration Modes Summary Table

[Table 22](#) lists the configuration modes available using the Cisco IOS CLI. The availability of any particular mode will depend on the features in your system software image and which platform you are using. For example, some configuration modes are specifically for configuring access servers, and will not be available on most routers.

Configuration modes are listed alphabetically by router prompt. Configuration submodes are listed under the configuration mode they are accessed from.

Unless otherwise indicated, the **exit** command will bring you back to the mode you were in before you entered the current mode. For example, using the **exit** command in *subinterface configuration submode* will bring you back to *interface configuration mode*, using the **exit** command in *interface configuration mode* will bring you back to *global configuration mode*, and using the **exit** command in *global configuration mode* will bring you back to *privileged EXEC mode*.

The prompts listed assume that the default device name of "Router" is in use.

**Table 22: Configuration Mode and Configuration Submode Summaries**

Prompt	Command Mode Name	Access Method	Example
Router(ca-identity) #	CA-identity configuration mode	From global configuration mode, use the <b>crypto ca identity</b> command.	Router(config) # <b>crypto ca identity</b> Router(ca-identity) #
Router(config-alps-ascu) #	See Interface configuration mode (below).		
Router(config-alps-cir) #  or  Router(config-alps-circ) #  or  Router(config-alps-circuit) #	Airline Product Set (ALPS) circuit configuration mode	From global configuration mode, use the <b>alps circuit</b> command.	Router(config) # <b>alps circuit CKT_NAME</b> Router(config-alps-circuit) #
Router(config-called-group) #	DNIS group configuration mode	From global configuration mode, use the <b>dialer dnis group</b> command.	Router(config) # <b>dialer dnis group dnis_isp_1</b> Router(config-called-group) # <b>number 1234</b>
Router(config-casa) #	CASA configuration mode	From global configuration mode, use the <b>ip casa</b> command.	Router(config) # <b>ip casa 10.10.4.1 224.0.1.2</b> Router(config-casa) #
Router(config-cert-chain) #	Certificate chain configuration mode	From global configuration mode, use the <b>crypto ca certificate</b> chain command.	Router(config) # <b>crypto ca certificate</b> Router(config-cert-chain) #
Router(config-controller) #	Controller configuration mode	From global configuration mode, use the	Router(config) # <b>controller t1 0/0</b>

		<b>controller</b> command.	Router(config-controller) #
Router(config-ctrl-cas) #	CAS custom configuration submode	From controller configuration mode, use the <b>cas-custom</b> command.	Router(config-controller) # <b>cas-custom 1</b>  Router(config-ctrl-cas) #
Router(config-customer-profile) #	Customer profile configuration mode	From global configuration mode, use the <b>resource- pool profile customer</b> command.	Router(config) # <b>resource-pool profile customer isp_1</b>  Router(config-customer-pro) #
Router(config-crypto-map) #	Crypto map configuration mode	From global configuration mode, use the <b>crypto map</b> command.	Router(config) # <b>crypto map Research 10</b>  Router(config-crypto-map) #
Router(config-crypto-trans) #	Crypto transform configuration mode	From global configuration mode, use the <b>crypto ipsec transform- set</b> command.	Router(config) # <b>crypto ipsec transform-set</b>  Router(config-crypto-trans) #
Router(config-dhcp) #	DHCP pool configuration mode	From global configuration mode, use the <b>ip dhcp pool</b> command.	Router(config) # <b>ip dhcp pool pname1</b>  Router(config-dhcp) #
Router(config-dialpeer) #	Dial peer voice configuration mode	From global configuration mode, use the <b>dial peer voice</b> command.	Router(config) # <b>dial peer voice 1 pots</b>  Router(config-dialpeer) #
Router(config-ext-nacl) #	Extended named access list configuration mode	From global configuration mode, use the <b>ip access-list</b> or <b>ipx access- list</b> command.	Router(config) # <b>ip access-list extended flag</b>  Router(config-ext-nacl) #

Router(config-fr-dlci) #	Frame Relay DLCI configuration mode	From interface configuration mode, use the <b>frame-relay interface-dlci [switched]</b> command.	Router(config) # <b>interface serial 1/1</b> Router(config-if) # <b>frame-relay interface-dlci 100</b> Router(config-fr-dlci) # <b>vofr</b> Router(config-fr-dlci) #
Router(config-gateway) #	Gateway configuration mode	From global configuration mode, use the <b>gateway</b> command.	Router(config) # <b>gateway</b> Router(config-gateway) #
Router(config-gk) #	Gatekeeper configuration mode	From global configuration mode, use the <b>gatekeeper</b> command.	Router(config) # <b>gatekeeper</b> Router(config-gk) #
Router(config-hub) #	Hub configuration mode	From global configuration mode, use <b>hub</b> command.	Router(config) # <b>hub ethernet 0 13</b> Router(config-hub) #
Router(config-if) #	Interface configuration mode	From global configuration mode, enter by specifying an interface with an <b>interface</b> command.	Router(config) # <b>interface serial2</b> Router(config-if) #
Router(config-alps-ascu) #	ALPS ASCU configuration submode	From interface configuration mode, use the <b>alps ascu</b> command.	Router(config-if) # <b>alps ascu 4B</b> Router(config-alps-ascu) #
Router(config-if-atm-vc) #	Interface ATM-VC configuration submode	From interface configuration mode, use the <b>pvc</b> or <b>svc nsap</b> command.	Router(config-if) # <b>pvc 0/33</b> Router(config-if-atm-vc) #  or Router(config-if) # <b>svc nsap AB.CDEF.01.234567.890A.BCDE.F012.3456.7890.1234.12</b> Router(config-if-atm-vc) #



Router(atm-bundle-config) #	Interface ATM bundle configuration submode	From interface or subinterface configuration mode, use the <b>bundle</b> command.	Router(config-subif) # <b>bundle newyork</b>  Router(config-atm-bundle) #
Router(config-if-atm-member) #	<ul style="list-style-type: none"> <li>Interface ATM bundle- member configuration subsubmode</li> </ul>	From ATM bundle configuration submode, use the <b>pvc- bundle</b> command.	Router(config-if) # <b>bundle chicago</b>  Router(config-atm-bundle) # <b>pvc-bundle chicago-control 207</b>  Router(config-if-atm-member) # <b>class control-class</b>  Router(config-atm-bundle) # <b>pvc-bundle chicago-premium 206</b>  Router(config-if-atm-member) # <b>class premium-class</b>
Router(config-if-path) #	IP host backup configuration submode	From interface configuration mode, use the <b>path</b> command.	Router(config) # <b>interface channel 3/1</b>  Router(config-if) # <b>ip address 198.92.5.1 255.255.255.128</b>  Router(config-if) # <b>path c010 c110 c210</b>  Router(config-if-path) # <b>claw 30 198.92.5.2 lpar1 cip1 tcpip tcpip</b>  . . .
Router(config-rlm-group) #	RLM group configuration submode	From interface configuration mode, use the <b>rlm group</b> command.	Router(config-if) # <b>rlm group 1</b>  Router(config-rlm-group) #
Router(config-rlm-group-sc) #	<ul style="list-style-type: none"> <li>RLM device configuration subsubmode</li> </ul>	From RLM group configuration mode, use the <b>server</b> command.	Router(config-rlm-group) # <b>server r1-server</b>  Router(config-rlm-group-sc) #
Router(config-subif) #	Subinterface configuration submode	From interface configuration mode, specify a subinterface with an <b>interface</b> command.	Router(config-if) # <b>interface serial 2.1</b>  Router(config-subif) #

Router(cfg-lan-type <i>n</i> ) #	Internal LAN configuration submode	From interface configuration mode, use the <b>lan</b> command.  In the router prompt syntax, <i>type</i> is the specified internal LAN type and <i>n</i> is the specified lan-id.	Router(config-if) # <b>lan ethernet 10</b>  Router(cfg-lan-Ether 10) #
Router(cfg-adap-type <i>n-m</i> ) #	<ul style="list-style-type: none"> <li>Internal adapter configuration subsubmode</li> </ul>	From internal LAN configuration mode, enter the <b>adapter</b> command.  In the router prompt syntax, <i>type</i> is the specified internal LAN type, <i>n</i> is the specified lan-id, and <i>m</i> is the adapter number.	Router(config) # <b>lan ethernet 10</b>  Router(cfg-lan-Ether 10) # <b>adapter 1 4.5.6</b>  Router(cfg-adap-Ether 10-1) #
Router(config-vc-class) #	Virtual Circuit (VC) class configuration submode	From interface configuration mode or subinterface configuration submode, use the <b>vc-class atm atm</b> command.	Router(config-if) # <b>vc-class atm pvcl</b>  Router(config-vc-class) #
Router(config-ipx-router) #	IPX-router configuration mode	From global configuration mode, use the <b>ipx router</b> command.  (IPX must first be enabled using the <b>ipx routing</b> command.)	Router(config) # <b>ipx routing</b>  Router(config) # <b>ipx router rip</b>  Router(config-ipx-router) #

Router(config-isakmp) #	ISAKMP policy configuration mode	From global configuration mode, use the <b>crypto isakmp policy</b> command.	Router(config) # <b>crypto isakmp policy</b> Router(config-isakmp) #
Router(config-keychain) #	Keychain configuration mode	From global configuration mode, use the <b>keychain</b> command.	Router(config) # <b>keychain blue</b> Router(config-keychain) #
Router(config-keychain-key) #	Keychain key configuration submode	From keychain configuration mode, use the <b>key</b> command.	Router(config-keychain) # <b>key 10</b> Router(config-keychain-key) #
Router(config-line) #	Line configuration mode	From global configuration mode, enter by specifying a line with a <b>line {aux   con   tty   vty} line-number [ending-line-number]</b> command.	Router(config) # <b>line vty 0 4</b> Router(config-line) #
Router(config-mrm-manager) #	MRM Manager configuration mode	From global configuration mode, use the <b>ip mrm manager</b> command.	Router(config) # <b>ip mrm manager test1</b> Router(config-mrm-manager) #
Router(config-map-class) #	Map-class configuration	From global configuration mode, use the <b>map-class encapsulation class-name</b> command.	Router(config) # <b>map-class atm aaa</b> Router(config-map-class) #
Router(config-map-list) #	Map-list configuration	From global configuration mode, use the <b>map-list name</b> command.	Router(config) # <b>map-list atm</b> Router(config-map-list) #
Router(config-modem-pool) #	Modem pool configuration	From global configuration	Router(config) # <b>modem-pool v90service</b>

		mode, use the <b>modem-pool name</b> command.	<pre>Router(config-modem-pool) # pool-range 30-50  Router(config-modem-pool) # called-number 2000  Router(config-modem-pool) # exit  Router(config) #</pre>
<pre>Router(config-mpoa-client)  See  Router(mpoa-client-config) #</pre>	See MPOA Client configuration mode (below)		
<pre>Router(config-mpoa-server)  See  Router(mpoa-server-config) #</pre>	See MPOA Server configuration mode (below)		
<pre>Router(config-poll-gr) #</pre>	System controller poll-group configuration mode	From global configuration mode, enter poll-group configuration mode with the <b>syscon poll-group</b> command.	<pre>Router(config) # syscon poll-group cmlineinfo  Router(config-poll-gr) #</pre>
<pre>Router(config-pubkey-chain) #</pre>	Public-key chain configuration mode	From global configuration mode, use the <b>crypto key pubkey-chain {dss   rsa}</b> command.	<pre>Router(config) # crypto key pubkey-chain rsa  Router(config-pubkey-chain) #</pre>
<pre>Router(config-pubkey-key) #</pre>	Public-key key configuration submode	From public-key chain configuration mode, use the <b>addressed-key</b> command or <b>named-key</b> command.	<pre>Router(config-pubkey-chain) # named-key otherpeer.domain.com  Router(config-pubkey-key) #</pre>
<pre>Router(config-pubkey) #</pre>	<ul style="list-style-type: none"> <li>Public-key hex input configuration subsubmode</li> </ul>	From public-key key configuration mode, use the	<pre>Router(config-pubkey-key) # address 10.5.5.1  Router(config-pubkey-key) # key-string 005C300D 06092A86</pre>

		<b>key-string</b> command.	Router(config-pubkey) # <b>4886F70D</b> <b>01010105</b>  . . .
Router(config-red-group) #	Random Early Detection (RED) group configuration mode	From global configuration mode, use the <b>random- detect-group</b> command.	Router(config) # <b>random-detect-group sanjose</b>  Router(config-red-group) #
Router(config-resource-group) #	Resource group configuration mode	From global configuration mode, use the <b>resource- pool group resource</b> command.	Router(config) # <b>resource-pool</b> <b>group resource hdlcl</b>  Router(config-resource-group) # <b>range limit 48</b>
Router(config-route-map) #	Route-map configuration mode	From global configuration mode, enter by specifying the <b>route- map [map- tag]</b> command.	Router(config) # <b>route-map</b> <b>arizona</b>  Router(config-route-map) #
Router(config-router) #	Router configuration mode	From global configuration mode, enter by issuing the <b>router</b> [ <i>keyword</i> ] command (such as <b>router igrp</b> ).	Router(config) # <b>router rip</b>  Router(config-router) #
Router(config-router-af) #	Address family configuration submode	From router configuration mode, use the <b>address- family</b> command.  To exit, use the <b>exit- address- family</b> command.	Router(config) # <b>router bgp 100</b>  Router(config-router) # <b>address-family vpnv4</b>  Router(config-router-af) #
Router(config-rtr) #	RTR (SA Agent) configuration mode	From global configuration mode, use the <b>rtr number</b> command.	Router(config) # <b>rtr 1</b>  Router(config-rtr) #

Router(config-rtr-http) #	RTR HTTP raw configuration submode	From RTR configuration mode, use the <b>http-raw-request</b> command.	Router(config-rtr) # <b>type http operation raw url</b> <u>http://www.cisco.com</u>  Router(config-rtr) # <b>http-raw-request</b>  Router(config-rtr-http) # <b>GET /index.html HTTP/1.0\r\n</b>  Router(config-rtr-http) # <b>\r\n</b>  Router(config-rtr-http) # <b>exit</b>  Router(config-rtr) #
Router(config-service-prof) #	Service profile configuration mode	From global configuration mode, use the <b>resource-pool profile service</b> command.	Router(config) # <b>resource-pool profile service user1sample</b>  Router(config-service-prof) #
Router(config-sg) #  or  Router(config-sg-radius) #	Server group RADIUS configuration mode	From global configuration mode or interface configuration mode, use the <b>aaa group server radius</b> command.	Router(config-if) # <b>aaa group server radius sg1</b>  Router(config-sg-radius) #
Router(config-sg) #  or  Router(config-sg-tacacs) #	Server group TACACS configuration mode	From global configuration mode or interface configuration mode, use the <b>aaa group server tacacs+</b> command.	Router(config-if) # <b>aaa group server tacacs+ sg1</b>  Router(config-sg-tacacs+) #
Router(config-std-nacl) #	Standard access-list configuration mode	From global configuration mode, use the <b>ip access-list</b> or <b>ipx access-list</b> command.	Router(config) # <b>ip access-list standard Internetfilter</b>  Router(config-std-nacl) # <b>permit 192.5.34.0 0.0.0.255</b>  Router(config-std-nacl) # <b>permit 128.88.0.0 0.0.255.255</b>  Router(config-std-nacl) # <b>exit</b>  Router(config) #
Router(config-time-range) #	Time-range configuration mode	From global configuration mode, use the <b>time-</b>	Router(config) # <b>time-range no-http</b>  Router(config-time-range) #

		<b>range time-range-name</b> command.	
Router(cfg-tn3270) #  or Router(tn3270-server) #	TN3270 server configuration mode	From global configuration mode, use the <b>tn3270-server</b> command.	Router(config) # <b>tn3270-server</b>  Router(cfg-tn3270) #
Router(tn3270-dlur) #	TN3270 DLUR configuration submode	From TN3270 configuration mode, use the <b>dlur</b> command.  To exit to TN3270 configuration mode, use the <b>exit</b> command.	Router(config) # <b>tn3270-server</b> Router(tn3270-server) # <b>dlur</b> Router(tn3270-dlur) #
Router(tn3270-dlur-lsap) #	<ul style="list-style-type: none"> <li>TN3270 DLUR SAP configuration subsubmode</li> </ul>	From DLUR configuration submode, use the <b>lsap</b> command.	Router(config) # <b>tn3270-server</b> Router(tn3270-server) # <b>dlur</b> Router(tn3270-dlur) # <b>lsap</b> Router(tn3270-dlur-lsap) #
Router(tn3270-dlur-pu) #	<ul style="list-style-type: none"> <li>TN3270 DLUR PU configuration subsubmode</li> </ul>	From DLUR configuration submode, use the <b>pu</b> (DLUR) command.	Router(tn3270-dlur) # <b>pu P0 05D99001 192.195.80.40</b> Router(tn3270-dlur-pu) #
Router(tn3270-lpoint) #	TN3270 listen-point configuration submode	From TN3270 server configuration mode, use the <b>listen-point</b> command.	Router(cfg-tn3270) # <b>listen-point</b> Router(tn3270-lpoint) #
Router(tn3270-lpoint-pu) #	<ul style="list-style-type: none"> <li>TN3270 listen-point PU configuration subsubmode</li> </ul>	From TN3270 listen-point configuration mode, use the <b>pu</b> (listen-point) command or <b>pu dlur</b> command.	Router(tn3270-lpoint) # <b>pu PU1 94223456 tok 1 08</b> Router(tn3270-lpoint-pu) #  or Router(tn3270-lpoint) # <b>pu P0 05D99001 dlur</b>

			Router(ln3270-lpoint-pu) #
Router(tn3270-pu) #	TN3270 PU configuration submode	From TN3270 server configuration mode, use the <b>pu</b> (tn3270) command.	Router(config) # <b>tn3270-server</b> Router(cfg-tn3270) # <b>pu PU1 05d00001 10.0.0.1 token-adapter 1 8 rmac 4000.0000.0001 rsap 4</b> Router(tn3270-pu) #
Router(tn3270-resp-time) #	TN3270 Response-time configuration submode	From TN3270 server configuration mode, use the <b>response-time group</b> command.	Router(cfg-tn3270) # <b>response-time group MYSUBNET bucket boundaries 15 25 60 120 multiplier 35</b> Router(tn3270-resp-time) #
Router(config-vc-class) #	See Interface configuration mode (above).		
Router(config-voiceport) #	Voice-port configuration mode	From global configuration mode, enter by issuing the <b>voice port slot/sub-unit/port</b> command for the Cisco 3600 series, or <b>voice port slot/port</b> for the Cisco MC3810.	Router(config) # <b>voice port 1/1/2</b> Router(config-voiceport) #
Router(config-vpdn) #	VPDN group configuration mode	From global configuration mode, use the <b>vpdn-group number</b> command.	Router(config) # <b>vpdn-group 1</b> Router(config-vpdn) #
Router(config-vpdn-acc-in) #	VPDN Accept-dialin configuration submode	From VPDN group mode, use the <b>accept-dialin</b> command.	Router(config-vpdn) # <b>accept-dialin</b> Router(config-vpdn-acc-in) #
Router(config-vpdn-acc-ou) #	VPDN Accept-dialout configuration submode	From VPDN group mode, use the <b>accept-</b>	Router(config-vpdn) # <b>accept-dialout</b> Router(config-vpdn-acc-ou) #



		<b>dialout</b> command.	
Router(config-vpdn-req-in) #	VPDN Request-dialin configuration submode	From VPDN group mode, use the <b>request- dialin</b> command.	Router(config-vpdn) # <b>request-dialin</b>  Router(config-vpdn-req-in) #
Router(config-vpdn-req-ou) #	VPDN Request- dialout configuration submode	From VPDN group mode, use the <b>request- dialout</b> command.	Router(config-vpdn) # <b>request-dialout</b>  Router(config-vpdn-req-ou) #
Router(config-x25) #	X.25 profile configuration mode	From global configuration mode, use the <b>x25 profile</b> command.	Router(config) # <b>x25 profile</b> <b>NetworkNodeA dce</b>  Router(config-x25) # <b>x25 htc 128</b>
Router(lane-config-datab) #	LAN Emulation (LANE) database configuration mode	From global configuration mode, use the <b>lane</b> <b>database</b> command.	Router(config) # <b>lane database</b> <b>red</b>  Router(lane-conf'g-datab) #
Router(mpoa-client-config) #	MPOA Client (MPC) configuration mode	From global configuration mode, use the <b>mpoa client</b> <b>config name</b> command.	Router(config) # <b>mpoa client</b> <b>config name ip_mpc</b>  Router(mpoa-client-config) #
Router(mpoa-server-config) #	MPOA Server (MPS) configuration	From global configuration mode, use the <b>mpoa server</b> <b>config name</b> command.	Router(config) # <b>mpoa server</b> <b>config name ip_mps</b>  Router(mpoa-server-config) #

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